

CLAIMS

1. Composition with fire retardant properties, comprising a high molecular organic material, a fire retardant addition of aluminium hydroxide and optionally further fillers,
5 **characterized in that**, the high molecular organic material is linoleum cement.
2. Composition according to claim 1, **characterized in that**, in addition to the other fillers the linoleum cement composition contains up to 38 wt. % of aluminium hydroxide.
3. Composition according to claim 1 or 2, wherein the composition contains calcium carbonate as well, **characterized in that**, the fire retardant composition contains 10 –
10 90 wt. % linoleum cement.
4. Composition according to claim 3, **characterized in that**, in a linoleum cement composition about half of the calcium carbonate present for the manufacture of linoleum is replaced by aluminium hydroxide.
5. Composition according to claim 4, **characterized in that**, the linoleum cement composition contains 5 – 25 wt. % of both calcium carbonate as well as aluminium hydroxide, wherein the total weight percentage of both substances is 20 – 40 wt. %.
6. Composition according to claim 3, 4 or 5, **characterized in that**, the calcium carbonate consists wholly or partly of limestone or another calcium carbonate
10 containing mineral.
7. Composition according to each of the foregoing claims, **characterized in that**, the fire retardant composition comprises a mainly cellulose containing filler, such as wood flour, cork flour, short natural fibres or rayon fibres.
8. Composition according to claim 7, **characterized in that**, the mainly of cellulose
5 consisting filler is wood flour and/or cork flour.
9. Composition according to claim 8, **characterized in that**, the linoleum cement composition contains 20 – 40 wt. % wood flour and/or cork flour.
10. Fire retardant linoleum manufactured with methods known per se from the linoleum cement compositions according to each of the claims 1 – 9.
- 0 11. Shaped fire retardant objects formed from the linoleum according to claim 10.
12. Application of the linoleum according to claim 10 for use with the manufacture of elements or objects suitable for the covering of surfaces, such as floors, walls, ceilings, tables and wall boards.

13. Use of the products according to claim 12, wherein the products are obtained by applying on a surface of linoleum elements manufactured from fire retardant linoleum according to claim 10.
14. End-use of the products according to claim 13.